

RG-393



- ◆ Specification ----- meet to MIL-C-17/127-RG393
- ◆ Continuous working voltage ----- Max. 1875Vrms
- ◆ Operating temperature range ----- -55℃ ~ 200℃

Construction

Item	Material	Diameter	Remark
Center conductor	SPC	2.40mm (0.093inch)	Strand(7/0.80)
Dielectric	PTFE	7.24mm (0.285inch)	Solid
Inner Braid	SPC	8.00mm (0.315inch)	92% Coverage
Outer Braid	SPC	8.75mm (0.344inch)	94% Coverage
Jacket	FEP	9.90mm (0.39inch)	Light Brown

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 11 GHz	
Dielectric resistance	Min. 1000 MΩ.km	at 20℃
Test voltage	7500Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 32 pF/ft	
Characteristic impedance	50 ± 2 Ω	
Approx. weight	240.0 kg/km	
Max. attenuation	1.7dB/100ft (0.06dB/m)	at 50MHz
	2.4dB/100ft (0.08dB/m)	at 100MHz
	5.0dB/100ft (0.16dB/m)	at 400MHz
	8.8dB/100ft (0.29dB/m)	at 1GHz
	18.0dB/100ft (0.59dB/m)	at 3GHz